

What is Claimed is:

1. A microwave oven with a toaster comprising:
  - a main case forming an outer shape;
  - a cavity in the main case for cooking food therein with a microwave;
  - an electronic chamber in one side part of the main case having different electronic components for providing the microwave to an inside of the cavity, and
  - a toaster comprising,
    - a toaster case in front of the electronic chamber having slits in opposite sides respectively,
    - a tray assembly mounted on the slits of the toaster case for introducing/taking out pieces of bread into/out of the toaster,
    - a heater assembly in the toaster case for heating the pieces of bread,
    - a toaster door on the toaster case,
    - a door lock for holding the door, and
    - a power source device for supplying power to the heater assembly.
2. The microwave oven as claimed in claim 1, wherein the toaster further comprises;
  - a front plate mounted to a front of the toaster case, the front plate having openings for introducing pieces of bread therethrough, and
  - a front panel having a rectangular body with a central opening mounted to a front of the front plate to form an outer shape of the toaster, and the toaster door coupled thereto.
3. The microwave oven as claimed in claim 2, wherein the door lock for holding the door comprises a plate spring mounted on the front panel for holding the toaster door to keep



a closed state once the toaster door is closed.

4. The microwave oven as claimed in claim 3, wherein the plate spring has a channel section, and comprises a locking part at a lower side thereof for holding the toaster door.

5. The microwave oven as claimed in claim 4, wherein the locking part comprises a projection of a lower part of the plate spring toward the opening in the front panel, and the toaster door comprises a catch recess in conformity with the projection of the plate spring.

6. The microwave oven as claimed in claim 2, wherein the power source device comprises a switch to be pressed when the toaster door is closed.

7. The microwave oven as claimed in claim 6, wherein the toaster further comprises lever at the front panel having one side opposite to the power source device and the other side opposite to the toaster door, for transmitting a pushing force of the toaster door to the switch.

8. The microwave oven as claimed in claim 7, wherein the lever comprises a part opposite to the toaster door projected to the opening side.

9. The microwave oven as claimed in claim 8, wherein the toaster door further comprises a push projection opposite to the projection on the lever.

10. The microwave oven as claimed in claim 9, wherein the lever rotates and pushes



the switch of the power source device as the pushing projection of the toaster door pushes the lever when the toaster door is closed.

11. The microwave oven as claimed in claim 10, wherein the lever comprises;  
a body of an angle section, and  
a shaft at a bent part for rotatably mounting the body.

12. The microwave oven as claimed in claim 10, wherein the switch is pushed with the lever fully, to supply power to the heater assembly, only when the toaster door is closed completely.

13. The microwave oven as claimed in claim 11, wherein the switch is pushed with the lever fully, to supply power to the heater assembly, only when the toaster door is closed completely.

14. The microwave oven as claimed in claim 2, wherein the front panel further comprises a heat insulating film for preventing transmission of heat from the heat assembly to the toaster door and the front panel itself.

15. A microwave oven with a toaster comprising:  
a main case forming an outer shape;  
a cavity in the main case for cooking food therein with a microwave;  
an electronic chamber in one side part of the main case having different electronic components for providing the microwave to an inside of the cavity, and



a toaster comprising;

a toaster case in front of the electronic chamber having slits in opposite sides respectively,

a tray assembly mounted on the slits of the toaster case for introducing/taking out pieces of bread into/out of the toaster,

a heater assembly in the toaster case for heating the pieces of bread,

a toaster door on the toaster case having a catch recess,

a plate spring of a channel section having a projection from a lower part for being held at the catch recess in the toaster door,

a rectangular front panel on a front surface of the toaster case to form a frontal outer shape thereof having a central opening for mounting the toaster door,

a power source device for supplying power to the heater assembly, and

a lever mounted on the opening side of the front panel having one side facing the power source device and the other side projected to the opening for being pushed with the toaster door.

16. The microwave oven as claimed in claim 15, wherein the power source device comprises a switch facing one side of the lever.

17. The microwave oven as claimed in claim 16, wherein the toaster door further comprises a pushing projection facing the projection from the lever.

18. The microwave oven as claimed in claim 17, wherein the lever rotates and pushes the switch of the power source device as the pushing projection of the toaster door pushes the



lever when the toaster door is closed.

19. The microwave oven as claimed in claim 18, wherein the lever comprises;  
a body of an angle section, and  
a shaft at a bent part for rotatably mounting the body.

20. The microwave oven as claimed in claim 19, wherein the switch is pushed with the lever fully, to supply power to the heater assembly, only when the toaster door is closed completely.